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执行蒙特利尔议定书
多边基金执行委员会
第九十六次会议
2025年5月26日至30日，蒙特利尔
临时议程¹项目3

秘书处的活动

导言

1. 本文件介绍了向第九十五次会议发布的秘书处的活动的文件以来秘书处的活动。²

一. 与会议有关的问题

一.1 第九十五次会议

2. 已向执行委员会所有成员、各执行机构和双边机构和臭氧秘书处传达第九十五次会议的报告³，该报告已公布在多边基金网站。与项目核准和付款申请拖延有关的会议结果已分别传达给90个国家和16个第5条国家以及相关机构。编写了第九十五次会议的会后总结报告和该次会议作出的决定，并已发布在基金网站。

一.2 第九十六次会议

3. 秘书处为第九十六次会议编写了64份会议文件，⁴并根据需要更新了数据库和编制了摘要文件。

一.3 机构间协调会议（IACM）

¹ UNEP/OzL.Pro/ExCom/96/1。

² UNEP/OzL.Pro/ExCom/95/2。

³ UNEP/OzL.Pro/ExCom/95/94。

⁴ 向执行委员会成员、缔约方大会主席团主席、蒙特利尔议定书不遵守情事程序履约委员会主席和副主席、环境署执行主任、臭氧秘书处执行秘书、各执行机构、全球环境基金和非政府组织发出了邀请函。

4. 秘书处于 2025 年 3 月 3 日至 4 日在加拿大蒙特利尔安排举行了一次机构间协调会议。与会人员包括加拿大、德国和意大利双边机构的代表以及执行机构的代表和秘书处工作人员。会议报告⁵已发布在多边基金网站机构间协调会议专区。会议要点载于以下各段。

5. 在关于项目提交的议程项目讨论中，强调了高质量数据和分析的重要性。关于国家方案（CP）数据，秘书处强调指出，提交 CP 数据的在线系统已于 2025 年 1 月 1 日正式启用，访问凭证已发送给所有第 5 条国家（另见第 20 段）。

6. 秘书处介绍了 2025-2027 年业务计划的实施情况。各机构更新了预计向第九十六次会议提交的各国项目和预计向第九十七次会议提交的项目。秘书处鼓励各机构考虑在第九十六次会议后尽快提交最终确定的项目，甚至在第九十七次会议首次提交项目的截止日期之前提交。鉴于预计提交第九十七次会议的项目数量，这有助于分配各机构和秘书处的项目审查工作量。秘书处还确认，已在第 91/65 号和第 94/60 号决定通过前提交基加利氢氟碳化物实施计划（KIP）申请的国家，可在必要时为此类活动提交编制项目资金的申请，并敦促其尽快为第 94/60 号决定项下的项目提交编制项目资金的申请。

7. 秘书处概述了 KIP 的审批情况，并根据迄今为止的审查经验，提出了几个可供讨论的领域。秘书处还介绍了在协定模板商定前已获批准的 KIP 第一阶段协定的最终确定情况，并表示将把秘书处编写的协定草案提交给各 KIP 的牵头双边机构和执行机构，以便将其纳入附录 5-A，与相关国家进行审查并达成协议。

8. 关于在实施已获批准的 KIP 方面遇到的挑战和经验教训，秘书处在本次讨论中，重点讨论了第九十五次会议提出的两个问题。⁶关于逐步淘汰氢氟碳化物（HFC）转换项目所需的替代品和设备部件的供应链问题，秘书处指出，该问题与制冷和空调（RAC）行业及某些产品类别更为相关，例如是否有商用制冷和空调（AC）设备中用于大容量设备使用 R-290 的压缩机以及用于大容量空调设备（即 3-5 制冷吨（TR）以上设备）使用 HFC-32 的压缩机的供应。

9. 一个机构分享了其在泡沫塑料行业转换使用环戊烷的项目的经验，指出使用替代发泡剂的成本比其他国家/地区高出三倍，并且由于缺乏市场评估，他们不确定成本如此高昂的原因。关于 RAC 行业的项目，各机构没有遇到或预见到转换为使用 HFC-32 的技术有任何供应链问题。各机构指出，由于 R-290 制冷剂的易燃性，应在包括维修在内的整个生命周期内考虑安全措施。他们还解释说，R-290 空调试点项目在实施过程中面临挑战，因为只有为数不多的制造商愿意供应使用 R-290 的空调设备，这是因为此类试点项目所需的数量很少，在实现更高市场占有率方面缺乏经济动力，而且运输成本高昂。相比之下，有机构指出，包括压缩机在内的供应链状况较三年前有所改善，但中小型制造商在技术采用和使用替代技术设计不同设备以保持市场竞争力方面仍然面临挑战。一个机构指出，作为一个机构，他们仍然被第 5 条国家要求为新项目采购识别器，但全球唯一制造制冷剂识别器的制造商已暂停生产识别器，目前正在逐渐恢复生产。

⁵ IACM/2025/1/2。

⁶ 第 12 段和第 449 段和 UNEP/OzL.Pro/ExCom/95/94 号文件第 19 段。

10. 第二个问题涉及实施先前批准的基加利氢氟碳化物实施计划（KIP）时面临的技术和资金挑战，因为不同国家制造业的转换成本和对维修行业的设备支持成本高于预期。各机构指出，KIP 的实施才刚开始，它们仍在收集有关其经验和挑战的信息，因此仍在对当地市场的信息进行分析。然而，有人指出，各国不断变化的经济形势和通货膨胀增加了设备和专家的成本。许多项目的采购尚未开始，目前仍然需要测试市场以了解潜在的定价问题。一个机构提出了第 5 条国家使用配额的方式的问题，没有充分考虑到其国家继续进口需要维修的高全球升温潜能值（GWP）设备的情况。一个双边机构指出，许多第 5 条国家无法获得用于过渡性改造的低全球升温潜能值混合物，因此减少高全球升温潜能值混合物使用的选择并不多，这个问题值得研究。

11. 秘书处介绍了与能源效率相关的议题，并提供了迄今为止提交的能源效率项目的最新情况。各机构介绍了已获得编制项目供资的国家的编制情况，并指出计划向第九十七次和九十八次会议提交的项目。主任提到马来西亚项目的例子，该项目以补充方式提交第 91/65 号决定和第 94/60 号决定，并建议其他项目也考虑采用这种方式。秘书处还澄清说，根据第 94/60 号决定，压缩机制造被列为符合供资条件的部分。正如 UNEP/OzL.Pro/ExCom/95/87 号文件所述，它属于第 95/87 号决定的框架范围。

12. 秘书处还介绍了编制有关循环基金的摘要文件的最新情况，指出已进行了初步讨论，并正在根据类似的能源效率相关循环基金的意见制定执行委员会在第 95/87 号决定中要求的文件。各机构介绍了它们在循环基金和混合融资方面的经验，指出有必要在多边基金的情况下进一步建设关于此类融资的能力。

13. 它们介绍了数据库以及当前进展和财务报告叙述部分的报告格式的变更。这些变更是根据第 95/91 号决定（d）简化报告流程的规定的一部分。

14. 高级监测和评估干事介绍了 2025 年监测和评估工作方案的最新实施情况。她介绍了管理层对多边基金评估职能作出外部评估的可能回应，包括一项评估政策；评估氟氯烃淘汰管理计划（HPMP）对制定政策、法规和国家战略以确保遵守《蒙特利尔议定书》和取得的成果可持续性所做贡献的案头研究的职权范围；以及评估氟氯烃淘汰管理计划下制冷维修行业的培训、能力建设和认证颁发计划的案头研究的职权范围。

15. 秘书处全面介绍了知识管理系统（KMS）中的进度模块和产品，以及计划于 2025 年部署的模块和产品。为尽量减少各机构的行政负担，秘书处采取了灵活的系统开发方法，积极让所有秘书处工作人员和来自各个执行机构的精选同事参与其中。这一协作过程确保了在必要时无缝集成离线流程，使现有工具能够继续使用，最大限度地各机构和基金带来利益，并确保以高效、实用和以用户为中心的方式执行。会上介绍了“执行/双边机构门户网站”，目的在于使其成为访问所有项目周期模块的中心枢纽。随后，会上介绍了业务计划模块、项目提交的预计工作流程以及年度进展报告模块。会上重点介绍了线上/线下混合功能和动态工作流程，这些功能为进度跟踪提供了更大的灵活性。最后，秘书处介绍了项目完成情况报告（PCR）和评估模块，并详细说明了其相关工作流程和预期影响。

16. 会议最后讨论了三个领域。第一项涉及制冷剂生命周期管理，并简要讨论了迄今取得的经验教训。第二项是供参考的问题，即在第九十六次会议之前举行为期半天的关于实

施《基加利修正案》的战略方针的会议。秘书处回顾了在第九十四次会议和第九十五次会议举行的前几次会议，告知各机构它正在编制本届会议的议程。第三项是就制冷维修行业活动举行的集思广益会议，重点关注如何在行业采取不同的做法，以确保产生更好和可衡量的影响；项目生命周期之外的可持续性；适应市场动态的灵活性；除氟氯烃淘汰管理计划或基加利氢氟碳化物实施计划涵盖的传统活动之外的新活动。讨论的重点是从维修技术人员的培训和认证以及从回收、再循环和再利用计划汲取的经验。会议提出了一些想法，包括通过移动应用程序和其他数字工具实现服务数字化；将预防性维护作为减排工具；面向技术人员的商业模式，例如“制冷即服务”（CaaS）模式；面向建筑运营商和设计师；创业计划；加强培训的正规化；更好地规划行业；与教育部门建立联系，以及其他想法和各机构实施的成功项目案例。

二. 出席的会议和进行的出访

17. 在本报告所述期间，秘书处的代表参加了下列活动：

- (a) 一名高级方案管理干事于 2024 年 12 月 12 日在线参加了在塞尔维亚贝尔格莱德举行的欧洲和中亚（ECA）基加利氢氟碳化物实施计划实施/臭氧到气候的网络会议。
- (b) 副主任于 2024 年 12 月 12 日在线参加了由气候与清洁空气联盟（CCAC）和人人享有可持续能源组织（SEforALL）举办的“制冷行业性别平等项目”网络研讨会。
- (c) 2025 年 2 月 4 日和 5 日，主任、一名高级方案管理干事和行政主管在华盛顿特区与世界银行的同事会面，讨论了在逐步减少氢氟碳化物（HFC）的背景下运用能源效率循环基金的问题。讨论期间，专家介绍了在国家层面运用该循环基金所需的关键步骤，包括国家财政机构和其他实体的参与。他们还分享了不同国家的案例研究。
- (d) 主任和一名高级方案管理干事参加了 2025 年 2 月 16 日和 17 日在巴林麦纳麦举行的“高环境温度国家空调技术可用性区域研讨会”。主任还会见了巴林政府的高级官员，讨论了该地区基加利氢氟碳化物实施计划的实施情况。此外，还与执行机构就提交基加利氢氟碳化物实施计划和提交能源效率项目的问题进行了双边磋商。
- (e) 一名高级方案管理干事于 2025 年 4 月 21 日在线参加了在马来西亚槟城举行的东南亚国家臭氧干事网络会议——技术和商业可行的低全球升温潜能值和节能型氟氯烃/氢氟碳化物替代品方案；和
- (f) 主任和一名高级方案管理干事于 2025 年 5 月 5 日在线参加了在汤加努库阿洛法举行的太平洋岛屿国家国家臭氧干事网络会议。

三. 知识管理系统

18. 知识管理系统的开发正在取得进展，项目管理团队与开发人员和设计团队密切合作，务使项目按时交付。同时，秘书处正在积极启动第三阶段产品的开发，即业务计划、项目提交、进度报告和项目完成情况报告模块。所有模块的用户需求均已制定，业务计划和项目提交模块的开发工作也已开始。第三阶段将重点扩展在线报告系统功能和应用程序编程接口（API）。关于知识管理系统（KMS）开发的详细进度报告可参见本文件附件一。

19. 执行委员会第 95/5 号决定（b）（一）段为知识管理系统（KMS）分配了额外资源后，秘书处启动了实施第三阶段及 2026 年和 2027 年系统维护的采购招标程序。及时敲定合同协议对降低因停止开发或干扰任何现有或计划中的模块而产生的风险至关重要。秘书处与联合国内罗毕办事处采购科合作，成功地与现有开发人员敲定了合同，有效期至 2027 年 11 月 26 日。这确保了知识管理系统自启动以来持续得到实施，不会出现任何与采购相关的中断。

20. 在环境署履约援助方案的支持下，秘书处为臭氧干事举办了六次网络研讨会，探讨如何在 2025 年 1 月推出新的国家方案数据在线报告系统下提交国家方案数据。网络研讨会于 2025 年 2 月 5 日至 3 月 20 日期间举行，面向欧洲和西亚、东南亚和太平洋地区、非洲英语国家、拉丁美洲和加勒比地区、中美洲和非洲法语国家。研讨会向与会者介绍了该系统，并指导他们熟悉报告系统的功能和数据提交方式。2025 年全年将举办更多这类会议。

三.1 沟通和网站

21. 自 2025 年 2 月起，已每月发布不同区域第 5 条国家氟氯烃淘汰管理计划的成功案例报道。⁷网站的资源部分已收录了一份关于联合国/环境署问责和廉政框架的文件。

四. 行政事项

四.1 人员配置和征聘

22. 方案管理助理（G-6）职位的遴选程序已最终完成，选取 Kaleen McNamara 女士担任这个职位，自 2025 年 2 月 4 日起生效。

23. 助理行政干事（P-2）职位的改叙程序已通过内罗毕办事处启动，在改叙程序完成后将立即发布该职位的公告。

24. 已完成以下人员的招聘流程和合同安排：一名支持能源效率的顾问；一名负责审查逐步减少氢氟碳化物项目的气候效益的顾问；一名负责执行委员会会议前半天会议的顾问；一名支持项目审查小组一般助理级的个体订约人；一名支持监测和评估的个体订约人；一名支持文件编辑和校对的个体订约人；两名支持翻译协调的个体订约人。

四.2 工作人员发展和培训

⁷ 巴西、吉尔吉斯斯坦、马尔代夫和纳米比亚。

25. 秘书处工作人员参加了联合国在线必修培训课程。一名工作人员完成了由联合国系统职员学院协助提供的“领导力、妇女与联合国”在线课程。两名工作人员完成了“团结”项目分析培训课程。

五. 与多边基金执行机构及其他组织的合作

26. 依照第 79/1 号决定 (b) 段的规定, 秘书处在本文件附件二全面概述了与多边环境协定 (MEAs) 和其他相关组织的所有讨论情况。

联合国环境规划署

27. 一名高级方案管理干事参加了 2025 年 2 月 27 日举行的在线集思广益会议并提供了意见。会议讨论了环境署为协助各国解决制冷和空调设备倾销问题可能采取的行动, 包括由减少短期气候污染物的气候与清洁空气联盟 (CCAC) 提供支持, 开展制冷和空调设备市场研究, 收集环境倾销的证据, 并推动各国采取行动, 提高制冷和空调设备的可用性, 并停止倾销使用低效、高全球升温潜能值制冷剂的制冷技术。

臭氧秘书处

28. 秘书处正与臭氧秘书处合作, 根据第 XXXVI/9 号决定的要求, 进一步加强《蒙特利尔议定书》机制。在臭氧秘书处收到可以提取第 5 条缔约方许可证颁发制度的信息后, 秘书处正在与臭氧秘书处分享核查报告/项目提案的相关部分, 以供分析。

29. 应臭氧秘书处的要求, 秘书处于 2025 年 3 月就一份关于自由贸易区、与多边环境协定相关的过境和转运业务的分析草案发表了评论。臭氧秘书处计划将该草案作为其与其他多边环境协定秘书处在绿色海关倡议下就海关参与、非法贸易和执法问题开展合作的一部分进行发布。

湿地公约秘书处

30. 2025 年 3 月, 秘书处回应了《湿地公约》秘书处的一项询问, 该询问旨在收集在特殊情况下 (例如疫情期间难以或无法进行面对面会议) 改进决策程序的方式的信息。

加州大学伯克利分校施密特数据科学与环境中心

31. 秘书处继续与施密特数据科学与环境中心合作, 进一步开发与氢氟碳化物消费量评估、趋势分析以及不同政策干预措施对氢氟碳化物消费量预测的影响相关的工具。确定了两个国家, 就其使用该工具进行氢氟碳化物消费量相关评估进行进一步讨论。2025 年 2 月, 施密特数据科学与环境中心的技术专家通过在线会议为这两个国家的代表提供了指导, 并通过网络链接提供了该工具, 供他们使用和提供反馈意见。其中一个国家提供了初步反馈意见, 技术专家根据反馈将这些意见适当地纳入了工具。在不限成员名额工作组第四十七次会议期间, 计划举办一场会外活动, 演示氢氟碳化物消费量评估工具并收集反馈意见。最终产品一旦完成后, 将提交执行委员会。

附件一

建立知识管理系统的进度报告
(第 91/69 号决定)

引言

1. 执行委员会批准建立新的知识管理系统 (KMS) (第 91/69 号决定)，要求 (第 (c) 段) 秘书处报告其实施进展情况，直至完成 UNEP/OzL.Pro/ExCom/91/70 号文件所述第一阶段和第二阶段的的活动。在第九十五次会议上，执行委员会注意到至今取得的进展，批准为“机构门户网站及其他改进”的知识管理系统第三阶段提供资金。本进度报告介绍了第一阶段：“主数据库和网站改版”有待交付的所有产品的更新情况；第二阶段：“核心产品”的更新情况；第三阶段至今取得的进展。

2. 在第九十五次会议上，第二阶段的一项核心产品 — “在线国家方案 (CP) 数据报告系统”正式启动，并于 2025 年 1 月 1 日起，正式用于报告 2024 年数据。在秘书处处于缔约方大会第十三届会议和缔约方第三十六次会议联合举办的国家方案数据培训取得成功的基础上，在区域层面与来自所有区域的第 5 条国家举办了六次培训，截至 2025 年 4 月 25 日，已有 38 个国家成功提交了数据。培训课程反应积极，对系统的用户友好程度也得到了赞赏。在同次会议上，委员会预览了向其展示的仪表板概念，部分实际仪表板将在第九十六次会议展示，并将在随后的几周内上线。

第一阶段和第二阶段的实施情况

3. 表 1 和表 2 总结了 UNEP/OzL.Pro/ExCom/91/70 号文件所述第一阶段每项任务的实施情况。大部分任务都已完成，其中最主要的任务是将 1991 年以来的所有数据集迁移至单一主数据库。所有百分比低于 100% 的任务，均是由于正在进行小规模定制、数据集优化、数据验证、错误修复和其他修复等工作。在表 2，第 4 段详细说明了仍在进行中的任务状态。

表 1： 第一阶段的实施情况

任务		优先级 变更	完成率 (%) - 第九十五次 会议	完成率 (%) - 第九十六次 会议	备注
1.1	确定更详细的用户需求和设定优先次序（功能和非功能）	是	70	95	后端业务流程和工作流已被映射并记录。在最终确定在线提交项目和项目报告门户网站的所有关键模块需求时，所有利害关系方都已参与其中。
1.2	用户流程（以及对治理和数据管理的建议）	是	30	50	由于数据迁移的复杂性，此项活动已转至第三阶段。
1.3	确定多边基金的技术及任何定制需求	否	90	90	此项依赖于 1.1 和 1.2，可能会带来一些额外的定制需求。
1.4	将旧数据结构复制到新数据结构	是	100	100	已完成
1.5	将数据库合并到新的主数据库（迁移）	否	95	95	此项交付的完成依赖于 1.1 和 1.2，可能对数据库结构带来细微的变更。
1.6	实施新技术-配置（代理、安全评估、新编码）	否	90	90	此项依赖于 1.3，并可能对交叉引用查询、分析和过滤器带来细微的变更，从而影响配置。
1.7	改版网站（包括用户界面设计）	否	98	99	网站已完成并已上线。“绿色运营”页面仍在开发。此项将在 1.8 成功完成后完成。按照软件开发的标准做法，2025 年继续进行其他小规模修复/改进是正常的。 网站上“项目和数据”选项卡由于其复杂性及其与数据迁移的相互依赖性，已独立成为核心产品，并已移至第二和第三阶段。
1.8	测试和验收	是	100	100	测试已完成。秘书处的内容管理培训课程在 9 月举行。

表 2：第二阶段的实施情况

任务		优先级 变更	完成率 (%) - 第九 十五次会议	完成率 (%) - 第九 十六次会议	备注
2.1	在线国家方案数据报告（位于网站“项目和数据”选项卡下）	是	100	100	在线国家方案数据报告系统已在第九十五次会议启用。各国于 2025 年 1 月 1 日开始在新系统提交报告。
2.2	在线报告项目完成现况报告	否	10	25	新表格已在第九十四次会议获得批准。用户需求已最终确定，开发工作已开始。
2.3	会议门户网站	是	100	100	已完成。正在测试和验证所有迁移的会议文件。
2.4	国家概况/仪表板（位于网站“项目和数据”选项卡下）	否	30	30	国家概况/仪表板的规范已制定完成。实施工作尚未开始。
2.5	“手册”/电子文件管理系统 - QuiriO ₃	是	100	100	已完成。标签审查和增强功能持续改进搜索引擎功能。
2.6 和 2.6a	2.6 已修订并更名为“多边基金数据中心”。所有仪表板都位于网站“项目和数据”选项卡下。	否	30	50	有关多边基金数据中心的详细描述，请参阅第 4 和 5 段。所有仪表板的规范都已编制完成。“捐款”仪表板已实施。“捐款”仪表板和国家方案数据中心将在第九十六次会议展示，并在之后不久启用。
2.7	体制强化项目的项目审查试点项目更名为“项目提交”，涵盖所有类型的项目。	是	10	30	该核心产品已与第三阶段的“机构门户网站”合并，以避免设计和整体工作流程的重复，并已成为在线项目提交的一部分。机构的门户网站旨在涵盖从业务计划中的项目提案提交到项目提交、在线审查和在线进度报告的整个工作流程。 项目在线提交规范已经确定，并于 2025 年第二季度开始开发。
2.8	测试和验收	否	100	100	国家方案数据、会议门户网站和手册的测试都已完成。

4. 网站的“项目和数据”选项卡将包含以下产品/仪表板，如图 1 所示：

- (a) 项目和影响仪表板 - 尚未开始实施
- (b) 国家仪表板 - 尚未开始实施
- (c) 捐款仪表板 - 已完成但尚未启用
- (d) 国家方案数据中心 - 已完成但尚未启用
- (e) 门户网站 - 包括：
 - (i) 执行机构/双边机构（IA/BA）门户网站 - 正在开发
 - (ii) 国家方案报告系统 - 已完成并已启用
 - (iii) 财务主任门户网站 - 已完成（也参见表 3）

图 1：项目和数据下拉式菜单



其他开发活动和第三阶段活动

5. 由于第一、二、三阶段紧密相连，加之一些不可预见的活动，一些原定于第三阶段进行的任务在第一、二阶段就启动了。这种重叠的现象在软件开发中很常见，因为随着项目进展，不断变化的优先级通常需要作出调整。正在进行开发的第三阶段将作为最终阶段，在此阶段确保完成第一、二阶段所有未完成任务。此阶段还将处理任何遗留问题，确保完成前几个阶段遗漏的任何未完成工作。此外，它还将完成项目期间出现的所有计划外的活动，确保所有要素都成功结束。表 3 总结了第三阶段活动的进展情况。

表 3： 第三阶段活动的进展

任务		完成率 (%) - 第九 十五次会议	完成率 (%) - 第九 十六次会议	备注
3.1	财务主任模块作为捐款仪表板的一部分	80	95	秘书处借此机会通过开发捐款仪表板精简了财务主任的职能。该仪表板包含分摊比额表、捐款状况、资金状况和其他属性的模块，以及诸如固定汇率机制（FERM）的损益数据和发票和付款存储库等工具。
3.2	进度报告模块	10	25	年度进度报告模块要求已完成，计划于 2025 年第三季度开始开发。
3.3	业务计划模块	50	90	业务计划模块开发处于测试阶段，计划于 2025 年第三季度完成。
3.4	执行机构和双边机构门户网站	不详	25	合并 2.2、2.7、3.2、3.3 并其作了报告。以上各项的进度报告将继续提供。
3.5	应用程序编程接口（API）	20	30	API 现已用于仪表板；所有模块继续使用专门的 API 开发，以增强和分析数据。
3.6	文件、培训、教程和错误修复	15	25	支持软件开发周期。本阶段涵盖托管和基础设施管理。

结论意见

7. 知识管理系统（KMS）进展顺利，许多核心产品正在按计划推进。项目仍按时间表进行，重要的里程碑均已达到。第九十五次会议后的几个月里，工作重点集中在最终完成国家方案（CP）数据中心和捐款仪表板，它将在第九十六次会议展示，之后将很快启用。

8. 业务计划（BP）模块、项目提交模块、年度进度报告模块和项目完成情况报告模块的用户需求都已最终确定，这些模块都是执行机构/双边机构（IA/BA）门户网站的一部分。开发工作已经开始，业务计划模块预计将于 2025 年第三季度初完成。

9. 如前所述，各个阶段都无缝衔接，构成了知识管理系统的完整开发周期。秘书处将继续致力于推进并在第九十七次会议发布进一步的增强功能。这将包括最终确定执行机构/双边机构（IA/BA）门户网站涵盖的活动，以及集成所有必要的应用程序编程接口（API），实现门户网站和仪表板之间数据传输的自动化，并将这些仪表板从模型转化为功能性产品。到第三阶段结束时，知识管理系统（KMS）将全面支持在线报告和跨功能数据访问，从而增强透明度和问责制。

Annex II

**ADVICE AND/OR INFORMATION PROVIDED BY THE SECRETARIAT OF THE
MULTILATERAL FUND TO NON-MONTREAL PROTOCOL BODIES**

*Note: New information is in **bold** fonts*

Secretariat advice/discussions held/interaction	Meeting
Adaption Fund	
Explanation of Multilateral Fund policies on interest earned. The information provided by the Secretariat can be found in document AFB/EFC.18/10 of the 18 th meeting of the Ethics and Finance Committee at https://www.adaptation-fund.org/wp-content/uploads/2016/03/AFB-EFC-18.10-Investment-income-doc.pdf .	76
Arab Forum for Environment and Development	
An article on the Multilateral Fund's experience in the Arab region for the 2018 Report of the Arab Forum for Environment and Development.	81
Asian Infrastructure Investment Bank (AIIB)	
The General Counsel and the Director General of the Operational Partnership Department visited the Secretariat to discuss about opportunities for collaboration. AIIB is a multilateral development bank established after the UNFCCC Paris Agreement and UN SDGs, whose core mission is to finance sustainable infrastructure.	92
Birmingham Energy Institute, University of Birmingham	
At the invitation of the “informal advisory group for the virtual model”, the Secretariat participated as an observer in a webinar on the virtual model for cold chain that is under development by the University of Birmingham, where discussions were held by technical and policy experts.	95
Center for Climate and Energy Solutions (formerly, Pew Center on Climate Change)	
Documents UNEP/OzL.Pro/ExCom/37/59, UNEP/OzL.Pro/ExCom/38/54 & Add.1; text of decisions 37/62 and 38/63; Guidelines on funding of technology not in the public domain (Annex XIV of UNEP/OzL.Pro/ExCom/38/70/rev.1); Observations on technology transfer license fees and royalties for different types of projects (liquid carbon dioxide, metered-dose inhalers, tobacco fluffing, HFC-32 for the refrigeration sector, supercritical CO ₂ , the HCFC production sector).	75
Climate and Clean Air Coalition to Reduce Short-Lived Climate Pollutants (CCAC)	
The Secretariat provided relevant information of the Multilateral Fund relating to cooling initiatives and programmes.	88
Presentation on the Overview of Multilateral Fund support for implementation of the Kigali Amendment in the context of the Kigali Workstream Discussion.	86
Informal consultations with the CCAC Secretariat on a new initiative on efficient cooling that had been provisionally approved by the CCAC working group to help build high-level leadership and facilitate collaboration among stakeholders with a view to fostering enhanced energy efficiency in the cooling sector while countries implement the phase-down of HFC refrigerants under the Montreal Protocol.	83

Secretariat advice/discussions held/interaction	Meeting
Overview of approved HCFC demonstration projects and options for additional projects to demonstrate climate-friendly and energy-efficient alternative technologies to HCFCs (UNEP/OzL.Pro/ExCom/72/40). Briefing on Multilateral Fund-financed surveys of ODS alternatives; possible opportunities for CCAC in Countries with Economies in Transition (CEIT); lessons learned from the Multilateral Fund that might be applicable to the technical review process and funding cycle of CCAC projects.	75
Document 72/40, Overview of approved HCFC demonstration projects and options for additional projects to demonstrate climate-friendly and energy-efficient alternative technologies to HCFCs (decision 71/51(a)), which summarizes the results of Multilateral Fund HCFC demonstration projects approved so far.	74
Climate Technology Centre and Network	
Presentation on capacity building under the Multilateral Fund as resource material for the Sixth meeting of the Advisory Board. General information on the Multilateral Fund and background documents.	75
Cool Coalition Working Group	
The Secretariat participated in the consultations relating to the report on a Global Cooling Stocktake, prepared by the Cool Coalition. The Secretariat also provided comments on the draft report that covered different aspects relating to the adoption of HFC-free technologies, Montreal Protocol related activities and financing of sustainable cooling.	93
The Secretariat was invited by the Cool Coalition to join its National Cooling Action Plan (NCAP) working group that would support countries in developing NCAPs through capacity building of relevant partners and exchanging information by creating a knowledge repository of completed NCAPs. The Secretariat would participate in on-line meetings and consultations of the working group and provide inputs relating to NCAP development.	92
European Union / European Parliament	
During the 25 th MOP, the Chief Officer received a request from the European Parliament to have a bilateral discussion on issues related to the Multilateral Fund including the resources needed for the replenishment of the Multilateral Fund and proposals for additional contributions to fund climate benefits. Accordingly, the Chief Officer provided the two representatives of the European Parliament with a short briefing explaining the operation of the Multilateral Fund.	71
German Ministry for Economic Cooperation and Development	
Information on the achievements of the Multilateral Fund and a summary of approved projects implemented by Germany as a bilateral agency.	77
Global Environment Facility (GEF), Green Climate Fund (GCF), Regional Development Banks	
The Secretariat shared information on the discussions held during the 92 nd Executive Committee meeting on energy efficiency with the GEF, the GCF, the Asian Development Bank, the European Bank for Reconstruction and Development, the African Development Bank and the Inter-American Development Bank in June 2023.	93
The Secretariat shared information with the GCF, the GEF, the Asian Development Bank, the European Bank for Reconstruction and Development, the African Development Bank and the Inter-American Development Bank on the discussions held during the 93 rd Executive Committee meeting on energy efficiency, and relating to the Executive Committee decision on the operational framework on energy efficiency, and projects approved in the 93 rd meeting under the pilot project funding window for energy efficiency.	94

Secretariat advice/discussions held/interaction	Meeting
In July 2024 the Secretariat shared information with the GCF, the GEF, the Asian Development Bank, the European Bank for Reconstruction and Development, the African Development Bank and the Inter-American Development Bank on the discussions held during the 94 th Executive Committee meeting on energy efficiency, relating to decision 94/60 adopted by the Executive Committee on a funding window for projects developed and implemented under the operational framework on energy efficiency, and on projects approved in the 94 th meeting under the pilot project funding window for energy efficiency.	95
Global Environment Facility (GEF)	
Review of one project: HFC project in Tajikistan	93
Consultations were held with GEF senior environmental specialists on issues relating to energy efficiency in the context of HFC phase-down.	92
On-line discussions dealing with issues relating to energy efficiency in the context of HFC phase-down and climate change / energy efficiency	91
The Secretariat participated in the workshop on “Delivering Multiple Global Environmental Benefits through the Sound Management of Chemicals and Waste”, organized by the Scientific and Technical Advisory Panel and was called on during discussion on identified linkages, especially regarding ozone depletion.	86
Comments on interventions relating to enabling activities, institutional strengthening and support for ratification of the Kigali Amendment in the countries with economies in transition and review of one plan for Tajikistan.	86
Informal on-line discussions between the Secretariat and staff of GEF on possibilities for further collaboration on energy-efficiency matters.	85
Review of one project: Energy efficiency (EE) for air-conditioners in buildings for India.	84
Review of one project: Accelerating Adoption of Sustainable Thermal Comfort: Transition towards Energy Efficient and Climate Resilient Cities in India.	82
Review of four projects: Completion of the phase-out of HCFC consumption with the support of low-GWP technologies in Belarus, GEF project ID 6046; Kazakhstan, HCFC Phase-out in Kazakhstan through the promotion of zero-ODS low-GWP energy-efficient technologies, GEF project ID 6090; Complete HCFC phase-out in Tajikistan through the promotion of zero-ODS low-GWP energy-efficient technologies, GEF ID 6030; Complete HCFC Phase-out in Uzbekistan through the promotion of zero-ODS low-GWP energy-efficient technologies, GEF ID 6003.	80
Review of the project on the introduction of ODS alternatives in agriculture and in the post-harvest sector in Kazakhstan (GEF project ID 9184).	76
Comments on the proposal for a methyl bromide project for Kazakhstan (GEF funding); Provided ideas on the use of funds under GEF 6 for ODS phase-out in non-Article 5 CEIT countries. Information on the discussions at recent Montreal Protocol meetings regarding proposals for an amendment to the Protocol.	75
Review of a project (Introduction of ODS alternatives in agriculture and in the post-harvest sector in Kazakhstan) against the Multilateral Fund's policies and guidelines.	72
The Secretariat received an invitation to attend the 45 th GEF Council Meeting that would be held from 5 to 7 November 2013. In a further invitation letter to the new Chief Officer, the CEO and Chairperson of the GEF welcomed a renewal of the past cooperation in providing assistance to parties to meet their obligations under the Montreal Protocol and a renewal of historic ties. In response, the Chief Officer informed the CEO that the Fund Secretariat would not be able to attend the Council Meeting due to preparations for the 71 st meeting; however, he advised the CEO that he looked forward to meeting her with a view to strengthening the relationship with the GEF Secretariat.	71

Secretariat advice/discussions held/interaction	Meeting
The Secretariat participated in a meeting of the GEF Chemicals and Waste Technical Advisory Group (TAG) to provide feedback on the draft focal area strategy for chemicals and wastes to guide the sixth replenishment of the GEF (GEF-6). The draft strategy included the Montreal-Protocol-related activities of the GEF.	69
Since the 67 th meeting there has been an interchange of correspondence with the Chief Executive Officer of the GEF on issues related to cooperation between the two funding mechanisms. Consideration has been given to the possibility of issuing a joint Multilateral Fund/GEF publication on the implementation of the Montreal Protocol over the last 25 years.	68
Government of France	
The Chief Officer and the Senior Fund Management and Administrative Officer participated in the semi-public presentation on recommendations related to the retrospective evaluation on the French contribution to the Multilateral Fund.	88
The Chief Officer participated in an interview on retrospective evaluation proposal on the French contribution to the Fund Secretariat and provided additional information as requested	86/87
Courtesy visit to the Ministry for the Economy and Finances of France. Issues discussed included <i>inter alia</i> bilateral co-operation by the Government of France, and the replenishment of the Multilateral Fund for the 2021-2023 triennium.	83
Information on the modalities for additional contributions to the Multilateral Fund.	77
Green Climate Fund (GCF)	
Discussions with Mr. Yannick Glemarec, Executive Director and the GCF team on issues relating to energy efficiency in the context of HFC phase down, in December 2022.	92
On-line discussions dealing with issues relating to energy efficiency in the context of HFC phase-down and climate change / energy efficiency	91
Informal on-line discussions between the Secretariat and staff of the GCF on possibilities for further collaboration, as the consultative meeting on development of GCF energy efficiency sectoral guidance scheduled for 27-28 February 2020 was cancelled due to COVID-19.	85
A representative of the GCF visited the Secretariat and held a number of meetings with the Secretariat staff that provided an opportunity for an exchange of information on how both funds operate and possibilities for further collaboration.	84
Informal discussions between the Chief Officer and the Deputy Executive Secretary of the GCF on matters of interests to both Funds, in the margins of the fourth session of the United Nations Environment Assembly.	83
Meeting documents related the modalities for reporting the administrative costs of implementing agencies including the following documents: UNEP/OzL.Pro/ExCom/26/67, UNEP/OzL.Pro/ExCom/34/52 and, UNEP/OzL.Pro/ExCom/38/59, UNEP/OzL.Pro/ExCom/55/48, and UNEP/OzL.Pro/ExCom/80/43	81
Conference call to provide information on the Multilateral Fund practices regarding concessional lending and incremental costs.	80
Provided link to documents relevant to the Technology and Economic Assessment Panel, Scientific Assessment Panel, and the Environmental Effects Assessment Panel on the Ozone Secretariat's website, and also an introduction to the Ozone Secretariat's Communications Officer. Documents were provided, including: the Executive Committee Primer; Multilateral Fund policy, procedures, guidelines and criteria; the presentation entitled "The Multilateral Fund: Governance, Business Model, Accomplishments, Challenges"; examples of pre-session documents for business planning, project proposals; monitoring and evaluation work programme and project completion reports; business plan templates; progress reporting guidelines; reports of the two evaluations on institutional strengthening; and the monitoring and evaluation work programme.	77

Secretariat advice/discussions held/interaction	Meeting
The Fund Secretariat's experience in establishing legal arrangements with implementing entities and establishing a progress reporting system for the Multilateral Fund.	76
Information on performance indicators developed for the Multilateral Fund; Information on the discussions at recent Montreal Protocol meetings regarding proposals for an amendment to the Protocol; Information on the Multilateral Fund's monitoring and accounting framework including Chapter XI of the Multilateral Fund policies, procedures, guidelines and criteria (monitoring and evaluation); Presentation on capacity building under the Multilateral Fund.	75
Presentation on the Multilateral Fund and a sample of key documents including Secretariat activities, status of the Fund, consolidated business plans and progress reports, a sample of project proposals and policy papers. Further details and discussions on the Multilateral Fund.	74
Overview of the objectives and operation of the Multilateral Fund, including its project review process, policy development, meeting process, and implementation of Executive Committee decisions.	72
The Interim Secretariat of the GCF wrote to the Multilateral Fund on 24 September 2013 with an invitation to attend the 5 th meeting of the Board of the GCF as an observer, although the letter noted that observer status for the Multilateral Fund had not yet been approved. The Fund Secretariat could not attend the Board meeting, which took place from 8 to 10 October, due to preparations for the 71 st meeting. A further letter of 21 October 2013 informed the Fund Secretariat that the next Board meeting would take place in Indonesia from 19 to 21 February 2014, indicated that observer status for the Multilateral Fund had been approved by an amendment to decision B.04/15, and also requested the Fund Secretariat to nominate a contact person.	71
Grenoble School of Management	
Information on the policies and procedures of the Multilateral Fund and the process of project approval for a study on technology learning curves.	80
Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)	
Information on practices regarding financial support to meeting participants/delegates.	75
International Energy Agency (IEA)	
The Secretariat and the Executive Secretary of the Ozone Secretariat met with a representative of the IEA. The Secretariat explained the work on energy efficiency in the context of the Kigali Amendment. The representative of the IEA indicated that his organization had undertaken a compilation of policies and standards on energy efficiency in different countries and made it available to the Secretariat. The representative also shared a report on cooling prepared by the IEA.	83
Joint Inspection Unit of the United Nations	
The Secretariat completed a questionnaire with regard to the review of environmentally sustainable policies and practices across organizations of the United Nations system.	86
An updated summary of the information on technical assistance and funding provided to Small Island Developing States (SIDS) under the Multilateral Fund, which had previously been provided in February 2015. Further clarifications were provided on 20 October and 7 November 2016.	77
Comments on the draft document "Review of Activities and Resources Devoted to Address Climate Change in the United Nations System Organizations; Substantive information including a summary of technical assistance and funding provided to Small Island Developing States (SIDS) under the Multilateral Fund and comprehensive information on Multilateral Fund projects approved for each country.	74
The Secretariat completed a questionnaire with regard to the review of activities and resources devoted to address climate change.	73

Secretariat advice/discussions held/interaction	Meeting
Comments and factual corrections to information on the Multilateral Fund in the report “Post-Rio+20 review of environmental governance within the United Nations system”.	72
With regard to the 2013 evaluation/review entitled “Post-Rio+20 review of environmental governance within the United Nations system, the Secretariat provided the Joint Inspection Unit with information about the Fund’s structure, funding levels, number and characteristics of meetings, meeting participants, project approval process, support costs, Secretariat personnel levels, history of approvals from 2006-2013, implementation modalities, compliance, governance framework, strategic planning, synergies and coordination with other MEAs, scientific assessments, advocacy and outreach, administration, gender distribution and geographical balance of the Executive Committee and Secretariat.	70
Kigali Cooling Efficiency Program (K-CEP)	
Participation in the webinar on 28 January 2020 on the Nationally Determined Contributions (NDC) Support Facility for Efficient, Climate-Friendly Cooling (NDC Support Facility) – a new initiative that provides funding and guidance to entities that support countries in integrating cooling solutions into the next round of their NDCs. Upon a request by the Secretariat for clarification on whether the project proposals submitted would include safeguards to avoid uptake of energy-efficient cooling applications based on high-GWP refrigerants; K-CEP assured that low-GWP technologies would be promoted through the NDC Support Facility.	85
Upon a request to provide feedback to ITAD Ltd., an organisation that has been commissioned to help develop a better understanding of K-CEP role in promoting energy efficiency in the cooling sector, the Secretariat had a conference call with an ITAD staff member informing on the input provided by the Secretariat to K-CEP in the initial phase of its establishment and its understanding of the linkage of K-CEP’s activities with the Montreal Protocol project activities, particularly relating to HFC phase-down projects.	84
Continued informal sharing of experience of the Multilateral Fund.	80
The Director and one other representative of K-CEP, responsible for coordinating the work of 19 philanthropic foundations on matters related to energy-efficiency and cooling with regard to implementation of the Kigali Amendment, visited the Secretariat on 26 January 2017 to learn more about the Multilateral Fund. K-CEP aims to allocate approximately US \$53 million from philanthropic foundations by the end of 2017 for targeted support through country programmes in a small number of countries and more general support to over 100 countries to improve energy efficiency. Information provided included the Executive Committee Primer; a presentation that summarizes how the Multilateral Fund operates; Guidelines for submitting progress and financial reporting; Guide for preparation of project proposals; the templates for project completion reports; and document UNEP/OzL.Pro/ExCom/74/51 on the Review of institutional strengthening and the associated decision 74/51.	78
Lawrence Berkeley National Laboratory (LBNL)	
The Secretariat provided comments on a draft report on opportunities and risks of efficiency improvement and refrigerant transition in room air-conditioning.	80
The Secretariat held a three-day consultative meeting with personnel at the Lawrence Berkeley National Laboratory in San Francisco, United States, to discuss issues relating to energy efficiency in the context of HFC phase-down. The meeting included representatives of the Secretariat, LBNL staff handling refrigeration, air-conditioning and heat pump equipment technologies, testing standards and practice, along with the Clean Cooling Collaborative personnel.	95
Natural Resources Defense Council	
Multilateral Fund Climate Impact Indicator (MCII) including the tool (Excel file), the manual (PDF) and an explanation of the tool (Word file).	81

Secretariat advice/discussions held/interaction	Meeting
Minamata Convention on Mercury	
In July 2013, the Secretariat received an invitation from the Government of Japan to attend the Conference of Plenipotentiaries for the adoption and signature of the Minamata Convention on Mercury, held from 9 to 11 October 2013 in Kumamoto and Minamata, Japan. However, the Secretariat was unable to attend.	71
Multilateral Organisation Performance Assessment Network (MOPAN)	
In accordance with decision 91/1, the Secretariat sent a letter from the Chair of the Executive Committee, on behalf of the Committee, to the MOPAN Secretariat, enclosing the management response of the Executive Committee on the 2019 MOPAN Assessment of the Multilateral Fund, contained in Annex I to the report of the 91 st meeting.	92
The Secretariat prepared document UNEP/OzL.Pro/ExCom/88/2/Add.2 on the recommendations of the assessment report.	88
Following receipt of the assessment report of the Multilateral Fund, a virtual meeting is being organized for the MOPAN Secretariat to present the report to the Executive Committee and a bilateral discussion is scheduled between the two Secretariats on the assessment of the Multilateral Fund, the methodology used and potential flexibility of adapting it to the type of organization to be assessed in future.	86
The Secretariat reviewed the draft assessment report and made factual corrections and provided comments on it. Follow-up communication took place between the two Secretariats with regard to the timeline for the final report and possible ways of sharing key findings with the Executive Committee.	86
The Secretariat provided additional information and clarifications on matters related to the Multilateral Fund to the consultant responsible for the assessment of the Multilateral Fund by MOPAN. The Secretariat had further discussions with MOPAN Secretariat, which indicated that the draft assessment report was in its last stage of preparation and would be submitted to the Secretariat to review it before it is submitted to Member Governments.	85
The representatives of the Secretariat of MOAP and of the service provider that carries out the assessment, visited the Secretariat. The Chief Officer made a presentation on the Multilateral Fund, including its governance, business model and accomplishments. The representatives of MOPAN had a number of meetings with the Secretariat staff. The Secretariat was also informed about the meetings that the evaluators organized with all four implementing agencies of the Fund. The Secretariat provided the contact data of members of the Executive Committee, some of whom would be contacted to provide input to the assessment exercise.	84
The Secretariat attended a meeting at the Secretariat of MOPAN, where an introduction of the Fund was made. Discussions were held on <i>inter alia</i> the scope of the assessment to the stakeholders involved; major differences between the Multilateral Fund and other organizations being assessed, which would lead to a tailored assessment to ensure fairness; the schedule for an inception visit to the Fund Secretariat, and the possible need for the assessment team to attend an Executive Committee.	83
Letter received from MOPAN Secretariat informing that MOPAN's Steering Committee took the decision to assess the Multilateral Fund in its next assessment cycle.	82

Secretariat advice/discussions held/interaction	Meeting
Schmidt Center for Data Science and Environment, University of California, Berkeley	
Two countries were identified for further discussions on their using the tool for the HFC consumption related assessment. In February 2025, the technical experts from the Schmidt Center for Data Science and Environment provided guidance to the country representatives through an online meeting and made available the tool through a weblink for them to use the tool and provide feedback. Initial feedback was provided one of the countries and this was used by the technical experts for appropriately incorporating those inputs in the tool	96
A workshop was held in October 2024 between the Schmidt Center for Data Science and Environment and the Secretariat, to discuss on the features of an interactive user-friendly model for HFC consumption assessment, trend analysis and impact of different policy interventions on HFC consumption projections. During the workshop, the different aspects related to HFC consumption projections for the modeling process were discussed. The model, to be developed by the Schmidt Center, is expected to be used by countries to make assessments of HFC consumption trends and understand the need for different policy interventions.	95
Secretariat of the Convention on Wetlands	
The Secretariat provided inputs to a query to gather information for governance on ways that decision making procedures could be enhanced during exceptional circumstances such as a global pandemic that makes meeting face-to-face difficult or not possible.	96
Stimson Centre	
The Chief Officer spoke to researchers regarding the evolution and work of the Montreal Protocol and its funding mechanism.	93
The Chief Officer provided inputs and reviewed a case study examining aspects that make the Montreal Protocol successful and relevant lessons for accountability in the cyber domain. The case study was included as chapter “The Remarkable Story of the Montreal Protocol with Lessons for Cyberspace” included in the Stimson Center report “Advancing Accountability in Cyberspace: Models, Mechanisms, and Multistakeholder Approaches”, prepared by the Stimson Center, and after a soft launch in July 2024 published on the Stimson Center’s website to commemorate the 2024 International Day for the Preservation of the Ozone Layer (https://www.stimson.org/2024/the-remarkable-story-of-the-montreal-protocol-with-lessons-for-cyberspace/).	95
Sustainable Energy for all (SE4All)	
The Secretariat prepared an article on the Multilateral Fund for the Chilling Prospects 2022 report.	90
Sustainable United Nations (SUN)	
The Secretariat made a presentation at the 31 st meeting of the United Nations Issues Management Group (IMG) on Environmental Sustainability Management, held at ICAO, Montreal on 11 October 2019. The Secretariat presented how the UN offices can collaborate with activities undertaken by the agencies on implementation of projects at national, regional and global levels that promote adoption of ozone friendly and HFC-free technologies. A representative of the Sustainable United Nations (SUN), an office that manages and supports the IMG on Environmental Sustainability Management, visited the Secretariat office and presented the work of this office to the staff.	84
Transparency International-Australia (TI-A)	
The Multilateral Fund Secretariat and the Ozone Secretariat, in response to equal letters received from TI-A, shared a note on a compilation of publicly available information relating to transparency, accountability and integrity in the UN/UNEP, applicable to the Montreal Protocol processes, further to the request for assistance to identify these documents, which are part of the general policies, rules and procedures of the UN Secretariat, that equally apply to the treaty and its financial mechanism.	94

Secretariat advice/discussions held/interaction	Meeting
United Nations Office of Internal Oversight Services (OIOS)	
The Secretariat discussed relevant recommendations with implementing and bilateral agencies.	90
The Secretariat prepared document UNEP/OzL.Pro/ExCom/88/2/Add.1 on the recommendations of the OIOS audit report.	88
The Secretariat provided information and documentation, responses to questions and clarification to facilitate an audit by the Office of Internal Oversight Services which aims to assess the efficiency and effectiveness of the provision of services at the Secretariat to the Multilateral Fund covering the period from 1 January 2018 to 31 December 2020.	86/87
Background information on the Multilateral Fund and other information including, <i>inter alia</i> , UNEP interim financial statements on the Multilateral Fund; report on contributions and disbursements; progress report; 2015 Monitoring and evaluation work programme; and the link to policy and procedures manual.	75
United Nations Environment Programme	
The Secretariat participated and provided inputs in an online brainstorming meeting on possible UNEP actions to assist countries to address dumping of refrigeration and air-conditioning equipment, including support by the Climate and Clean Air Coalition (CCAC) to conduct a region-wide refrigeration and air-conditioning (RAC) market study to gather evidence on environmental dumping, and spur national action to increase availability of RAC technologies and stop the dumping of inefficient, high-GWP refrigerant cooling technologies.	96
The Secretariat collaborated with the Ozone Secretariat, in response to decision XXXVI/9 on further strengthening Montreal Protocol institutions. Following the receipt of permission to extract information on the licensing systems of Article 5 parties, the Secretariat shared with the Ozone Secretariat the relevant portions of the verification reports for analysis.	96
At the request of the Ozone Secretariat, in March 2025, the Secretariat commented on a draft analysis on how free trade zones, transit and trans-shipment operations relate to multilateral environmental agreements (MEAs), which the Ozone Secretariat plans to publish as part of its collaboration with other MEA Secretariats on customs engagement, illegal trade, and enforcement under the Green Customs Initiative.	96
The Secretariat collaborated with UNEP in the development of the Medium-term Strategy 2025-2029 and Programme of Work 2026-2029, mandated by the United Nations Environment Assembly (UNEA) decision 6/7. The Chief Officer participated in the technical-level sessions in preparation for the strategy, which is expected to be approved at the 7 th session of UNEA in December 2025.	95
The Secretariat participated, in coordination with the Ozone Secretariat and together with Secretariats of Multilateral Environmental Agreements administered by UNEP, in consultations called for by the Director of the UNEP Law Division, on how the supplementary agenda item entitled "Cooperation with Multilateral Environment Agreements" could be best considered at UNEA-6.	92
Together with the Ozone Secretariat, the Multilateral Fund Secretariat provided the Chemicals and Health Branch, Economy Division of UNEP with comments on GCO-II report to the Chemicals and Health Branch including information related to: the accelerated phase-out of HCFCs, the Kigali Amendment regarding HFCs, the increased emissions of CFC-11 according to the publication by Montzka et al. in 2018; compliance with the Montreal Protocol's control measures and data reporting.	82

Secretariat advice/discussions held/interaction	Meeting
UNEP Intergovernmental Negotiating Committee (INC) to develop an international legally binding instrument on plastic pollution, including in the marine environment	
At the request of the South African Government, Department of Forestry, Fisheries and Environment, the Secretariat presented information on the operational arrangements, governance structure, project planning and implementation processes of the Multilateral Fund at an information session of the INC Intersessional Work with Civil Society Organisations, organised by the Government of South Africa, on 12 August 2024. Responses to questions included clarifications on how the Multilateral Fund provides support for the adoption of innovative technologies.	95
The Chief Officer participated in the webinar, held online on 11 May 2023, organized by the INC, and presented the experience of the Multilateral Fund and lessons learnt since its inception.	92
United Nations Framework Convention on Climate Change (UNFCCC)	
The Secretariat continued online its collaboration with the technical support unit (TSU) of the Secretariat of the United Nations Climate Change Convention, further to the invitation of the Executive Secretary of the Convention, in support of the work of the Transitional Committee (TC) on the operationalization of the new funding arrangements and a fund for loss and damage, established by the COP to the UNFCCC at its 27th meeting.	93
The Secretariat was invited by the Executive Secretary of the UNFCCC, together with other UNs agencies, international financial institutions and multilateral development banks, as well as the operating entities of the financial mechanism of the Convention and the Paris Agreement, to collaborate with the technical support unit (TSU) of the Secretariat in supporting the work of the Transitional Committee (TC) on the operationalization of the new funding arrangements and a fund for loss and damage, established by UNFCCC COP 27. Upon invitation by the UNFCCC Secretariat, the Secretariat participated in the first meeting of the TC (Luxor, Egypt, 27-29 March 2023). All travel-related expenses were covered by the UNFCCC Secretariat.	92
Comments on the draft technical summary of the mitigation benefits of actions, initiatives and options to address non-carbon dioxide greenhouse gas emissions	74
The Secretariat received an invitation in early October 2013 to attend the 19th session of the Conference of the Parties to the UNFCCC and the 9th session of the Conference of the Parties serving as the Meeting of the Parties to the Kyoto Protocol that would take place in Warsaw, Poland, from 11 to 22 November 2013. The Chief Officer informed the UNFCCC Secretariat that he was unable to attend due to preparations for the 71st meeting. Noting that the UNFCCC Secretariat was invited to attend the 25th MOP, he suggested an informal meeting to exploit potential opportunities for collaboration between the two Secretariats. The Executive Secretary of UNFCCC Secretariat responded that the Coordinator of the Mitigation, Data and Analysis Programme, who would be attending the MOP, would arrange to meet bilaterally with him. The representatives of both Secretariats met and discussed informally ways in which the two Secretariats could collaborate in the future as the need arose.	71
University of Bristol	
Provided a summary of the data contained in documents on HFC-23 prepared by the Secretariat, aggregated consumption of HFC-23 reported in surveys of ODS alternatives conducted in 119 Article 5 countries, and data it had derived from publicly available resources during the preparation of document UNEP/OzL.Pro/ExCom/79/48.	83
University of Cape Town	

Secretariat advice/discussions held/interaction	Meeting
In July 2024, the University of Cape Town (UCT), South Africa, contacted the Secretariat in the framework of its research for the preparation of a guidance document for governments and other stakeholders to support the implementation of sustainable domestic financing mechanisms for the sound management of chemicals and waste with particular focus on UNEP's Special Programme-financed projects. They requested a viewpoint on the barriers, challenges, and opportunities for implementing sustainable domestic financing mechanisms based on country-level experiences in implementation of MLF projects. The Secretariat, through an on-line interview, shared experiences in the implementation of different ODS phase-out and HFC consumption reduction projects.	95
World Trade Organization, Trade and Environment Division	
Update of the MEA Matrix for the WTO's Committee on Trade and Environment (https://www.wto.org/english/tratop_e/envir_e/envir_matrix_e.htm)	75